



MATERIAL SAFETY DATA SHEET

SikaBond Construction Adhesive

HMIS

Health	2
Flammability	1
Reactivity	0
Personal Protection	C

1. Product And Company Identification

Supplier

SIKA CORPORATION
201 Polito Ave
Lyndhurst, NJ 07071

Company Contact: Kristin Kelley
Telephone Number: (201) 933-8800
FAX Number: (201) 933-9379
Web Site: www.sikausa.com

Manufacturer

SIKA CORPORATION
201 Polito Ave
Lyndhurst, NJ 07071

Company Contact: Kristin Kelley
Telephone Number: (201) 933-8800
FAX Number: (201) 933-9379
Web Site: www.sikausa.com

Supplier Emergency Contacts & Phone Number

CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

Manufacturer Emergency Contacts & Phone Number

CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

Issue Date: 04/18/2001

Product Name: SikaBond Construction Adhesive

CAS Number: Not Established

Chemical Family: PUR SEALANT

MSDS Number: 2306

Product Code: 0481

Product Identification Text

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
POLYURETHANE PREPOLYMER	Trade Secre	
XYLENE(MIXEDISOMERS)	1330-20-7	1 - 5

3. Hazards Identification

Eye Hazards

EYE IRRITANT.

Skin Hazards

MAY CAUSE SKIN IRRITATION. PROLONGED AND/OR REPEATED CONTACT WITH SKIN MAY CAUSE AN ALLERGIC REACTION/SENSITIZATION. MAY CAUSE DERMATITIS (SKIN REDNESS, DRYNESS, SCALING, ETC.) FROM REPEATED OR PROLONGED CONTACT.

MATERIAL SAFETY DATA SHEET

SikaBond Construction Adhesive

3. Hazards Identification - Continued

Ingestion Hazards

LOW ORDER OF ACUTE TOXICITY. HARMFUL IF ASPIRATED INTO LUNGS.

Inhalation Hazards

MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY CAUSE RESPIRATORY SENSITIZATION. HIGH VAPOR CONCENTRATIONS OF XYLENE (GREATER THAN APPROX. 1000 PPM) MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DEATH.

4. First Aid Measures

Eye

RINSE EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. CONSULT PHYSICIAN.

Skin

WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS PERSIST CONSULT PHYSICIAN.

Ingestion

DILUTE WITH WATER. CONTACT PHYSICIAN.

Inhalation

REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, INSTITUTE ARTIFICIAL RESPIRATION. CONSULT WITH PHYSICIAN.

5. Fire Fighting Measures

Flash Point: 143 °F

Autoignition Point: N/AV °F

Lower Explosive Limit: N/AV

Upper Explosive Limit: N/AV

Fire And Explosion Hazards

DURING A FIRE, IRRITATING AND/OR TOXIC GASES AND AEROSOLS FROM THE DECOMPOSITION/COMBUSTION PRODUCTS MAY BE PRESENT.

Extinguishing Media

In case of fire, use water spray (fog) foam, dry chemical, or CO2.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

WEAR SUITABLE PROTECTIVE EQUIPMENT. CONTAIN SPILL AND COLLECT WITH ABSORBENT MATERIAL AND TRANSFER INTO SUITABLE CONTAINERS. AVOID CONTACT. VENTILATE ENCLOSED AREA.

7. Handling And Storage

Handling And Storage Precautions

STORE AT 40-95F. CONDITION TO 65-85F BEFORE USING. IF CLOSED CONTAINER IS EXPOSED TO HEAT, PRESSURE CAN BUILD UP. IF MOISTURE ENTERS CONTAINER, PRESSURE MAY BUILD UP DUE TO REACTION.

STORE IN COOL DRY AREA IN TIGHTLY CLOSED CONTAINERS, AWAY FROM SPARKS AND OPEN FLAMES.

MATERIAL SAFETY DATA SHEET

SikaBond Construction Adhesive

7. Handling And Storage - Continued

Work/Hygienic Practices

WASH THOROUGHLY AFTER USING PRODUCT.

8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate general and local exhaust ventilation.

Eye/Face Protection

Safety glasses with side shields or goggles.

Skin Protection

AVOID SKIN CONTACT. WEAR LONG SLEEVE SHIRT AND LONG PANTS. CHEMICAL RESISTANT GLOVES.

Respiratory Protection

In areas where the P.E.L.s are exceeded, use a properly fitted NIOSH-approved respirator.

Ingredient(s) - Exposure Limits

XYLENE (MIXED ISOMERS)
ACGIH TLV-STEL 150 ppm
ACGIH TLV-TWA 100 ppm
OSHA PEL-TWA 100 ppm

9. Physical And Chemical Properties

Appearance

PASTE (SOLID)

Odor

AROMATIC

Chemical Type: Pure

Physical State: Solid

Melting Point: N/AV °F

Boiling Point: N/AV °F

Specific Gravity: 1.27

Percent Volatiles: 4.4

Packing Density: 10.60#/GAL

Vapor Pressure: N/AV

Vapor Density: N/AV

Solubility: INSOLUBLE

Evaporation Rate: SLOWER THAN ETHER

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Conditions To Avoid (Stability)

OPEN FLAME, HEAT

Incompatible Materials

WATER, ALCOHOL, AMINES

Hazardous Decomposition Products

CO, CO2, OXIDES OF NITROGEN, SMOKE, FUMES

MATERIAL SAFETY DATA SHEET

SikaBond Construction Adhesive

11. Toxicological Information

Miscellaneous Toxicological Information

CHRONIC OVEREXPOSURE TO XYLENE MAY CAUSE KIDNEY AND/OR LIVER DAMAGE.

Conditions Aggravated By Exposure

EYE DISEASE, SKIN DISORDERS AND ALLERGIES, CHRONIC RESPIRATORY DISORDERS.

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Proper Shipping Name

NOT REGULATED PER D.O.T.

15. Regulatory Information

U.S. Regulatory Information

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

Acute Health Hazard

Chronic Health Hazard

SARA Section 313 Notification

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

Ingredient(s) - U.S. Regulatory Information

XYLENE (MIXED ISOMERS)

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

SARA - Chronic Health Hazard

SARA - Fire Hazard

Ingredient(s) - State Regulations

XYLENE (MIXED ISOMERS)

New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

New Jersey - Special Hazard

Pennsylvania - Workplace Hazard

Pennsylvania - Environmental Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

16. Other Information

HMS Rating

Health: 2

Fire: 1

Reactivity: 0

MATERIAL SAFETY DATA SHEET

SikaBond Construction Adhesive

16. Other Information - Continued

HMS Rating - Continued

PPE: C

Revision/Preparer Information

MSDS Preparer: Kristin Kelley

This MSDS Supersedes A Previous MSDS Dated: 04/18/2001

Disclaimer

The data in this Material Safety Data Sheet relates only to the specific material herein and does not relate to use in combination with any other material or in any process. The information set forth herein is based on technical data that Sika believes to be reliable as of the date hereof. Since conditions of use are outside our control, we make no warranties, express or implied and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

SIKA CORPORATION

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LIMITATIONS

- ▲ Allow 3-day cure at standard conditions when using SikaBond Construction Adhesive in total water immersion situations and prior to painting.
- ▲ Avoid exposure to high levels of chlorine. (Maximum level is 5ppm).
- ▲ Maximum depth of sealant must not exceed 1/4 in.; minimum depth is 1/8 in.
- ▲ Maximum expansion and contraction should not exceed 12.5% of average joint width.
- ▲ Avoid contact with alcohol and other solvent cleaners during cure.
- ▲ Do not apply when moisture-vapor-transmission condition exists from the substrate as this can cause bubbling within the sealant.
- ▲ Use opened cartridges the same day.
- ▲ When applying sealant, avoid air-entrapment.
- ▲ Since system is moisture-cured, permit sufficient exposure to air.
- ▲ White color tends to yellow slightly when exposed to ultra-violet rays.
- ▲ The ultimate performance of SikaBond Construction Adhesive depends on proper application, good design and proper preparation of joint surfaces.
- ▲ Not for use in expansion joints.
- ▲ Heavier substrates may require additional support during the cure period.

CAUTION**Combustible**

Keep away from open flames and high heat. Contains xylene; avoid breathing vapors. Use with adequate ventilation.

Irritant; Sensitizer -

Contains polyisocyanate prepolymer, xylene. Avoid breathing vapors. Use with adequate ventilation. May cause skin and/or respiratory sensitization after prolonged or repeated contact. Avoid contact. Overexposure to xylene may cause headaches, dizziness or other CNS effects. Use only with adequate ventilation. Use of safety goggles and chemical resistant gloves is recommended. If PELs are exceeded, use an appropriate, properly fitted NIOSH/MSHA approved respirator. Remove contaminated clothing.

FIRST AID

In case of skin contact, wash immediately and thoroughly with soap and water. If symptoms persist, consult physician. For eye contact, flush immediately with plenty of water for at least 15 minutes; contact physician. For respiratory problems, remove person to fresh air; if symptoms persist, contact a physician. In case of ingestion, dilute with water and consult physician. Remove contaminated clothing.

CLEAN UP

In case of spills or leaks, wear suitable protective equipment, contain spill, collect with absorbent material, and transfer to suitable container. Ventilate area. Avoid contact. Dispose of in accordance with current, applicable local, state, and federal regulations.

In case of emergency, call
CHEMTREC 1-800-424-9300

Linear Feet of Sealant per Gallon

		Depth					
Width	Inches	1/8	1/4	3/8	1	1 1/2	2
	1/8	308.0					
	1/4	154.0	77.0				
	3/8	102.7	51.3	34.2			
	1	77.0	38.5	25.7	19.3		
	1 1/4	61.6	30.8	20.5	15.4	12.3	
	2	51.3	25.7	17.1	12.8	10.3	8.6

Product Code C481. Sika is a registered trademark. Made in USA. Printed in USA, April, 2001.

KEEP CONTAINER TIGHTLY CLOSED**KEEP OUT OF REACH OF CHILDREN****NOT FOR INTERNAL CONSUMPTION****CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION**

Limited Warranty: Sika warrants its products to conform to Sika's current published physical properties when applied in accordance with Sika's directions and tested in accordance with ASTM and Sika standards for one year from date of purchase. User determines suitability of the product for intended use and assumes all risk. Manufacturer's liability for damages shall be limited to the purchase price or replacement of product. This remedy is the exclusive remedy and excludes labor and cost of labor. Warranty is contingent upon use of the product within shelf life.

THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED. MANUFACTURER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR SPECIAL DAMAGES.

Visit our website at www.sikausa.com

1-800-933-SIKA NATIONWIDE

Regional Information and Sales Centers

For the location of your nearest Sika sales office, contact your regional center.

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Sika Mexicana S.A. de C.V.
Carretera Libre Celaya Km. 8.5
Corregidora, Queretaro
C.P. 76920 A.P. 136
Phone: 52 42 25 0122
Fax: 52 42 25 0537

Quality Certification Numbers: Lyndhurst: 93-042B, Marion: 93-088B, Kansas City: 94-268B, Santa Fe Springs: 94-186C